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## ABSTRACT OF THE DISCLOSURE

A scanner performs an initial calibration for lamp intensity before scanning, and a final calibration for lamp intensity after scanning. At least some compensation is performed after scanning is completed, using calibration values computed by interpolating between the initial calibration values and the final calibration values. As a result, the overall time is reduced substantially, because scanning can start without waiting for the lamp to stabilize. Linear interpolation may be used, or an additional calibration strip along the side of the image being scanned may provide calibration data for non-linear interpolation.

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